Amendments to the Specification:

Please add before paragraph [0001] the following new sub-headings and paragraph:

-- PRIORITY CLAIM

This is a U.S. national stage of application No. PCT/DE2003/002389, filed on 16 July 2003. Priority under 35 U.S.C. §119(a) and 35 U.S.C. §365(b) is claimed from German Application No. 202 10 790.6, filed 16 July 2002 and German Application No. 202 12 316.2, filed 8 August 2002.

BACKGROUND OF THE INVENTION

1. Field of the Invention --

Please replace paragraph [0001] with the following amended paragraph:

[0001] The invention relates to an image projection device capable of hovering and flying having at least a buoyant body, projector, and projection surface [~~of the general types defined under claim 1~~].

Please add before paragraph [0002] the following new sub-heading:

-- 2. Description of the Related Art --

Please delete the sub-heading before paragraph [0005] and insert the following new sub-heading:

-- SUMMARY OF THE INVENTION --

Please replace paragraph [0005] with the following amended paragraph:

[0005] The image projection device capable of hovering and flying according to the invention [~~and having those characterizing features stated under claims 1 and 8~~] solves that

problem in a beneficial manner. Compared to the state of the art, significant benefits of the device according to the invention are that it employs an essentially planar projection surface that is not part of the skin of the buoyant body, and that its arrangement of the projector essentially outside the buoyant body avoids heating problems. To be generally regarded as another benefit is that the device is configured such that it conserves space when it is not filled with buoyant fluid.

Please replace paragraph [0006] with the following amended paragraph:

[0006] In the case of a first form of an image projection device according to the invention, [~~that is, in principle, achieved by configuring~~] the shape and volume of the buoyant body are configured such that the buoyancy that it is capable of generating provides stable locations of the mutually remotely arranged projector and projection surface corresponding to the projection range[~~, the~~]. The projector is arranged essentially outside a first outer surface of the buoyant body, and the projection surface essentially coincides with a second outer surface of the buoyant body that is situated across from the first outer surface thereof and is essentially planar when in use[~~, and that the~~]. The buoyant body has a buoyancy-free section situated between the projector and projection surface that does not significantly affect the path of the beam transiting the space between the projector and the projection surface.

Please delete paragraph [0008] in entirety.

Please replace paragraph [0009] with the following amended paragraph:

[0009] Under a beneficial embodiment of the first form of the device according to the invention, [~~it is provided that~~] the shape of the buoyancy-free section situated within the space between the projector and the projection surface is configured in the form of [~~an inverted~~] a pyramid [~~, in particular, corresponds to that of~~] or a cone.

Please replace paragraph [0010] with the following amended paragraph:

[0010] Under [~~another,~~] a beneficial embodiment of the first form of the device according to the invention, [~~it is provided that~~] the buoyant body consists of a single component and preferably has an essentially cubical shape.

Please delete the sub-heading before paragraph [0023] and add the following new sub-heading:

-- **BRIEF DESCRIPTION OF THE DRAWINGS** --

Please delete the sub-heading before paragraph [0024] and add the following new sub-heading:

-- **DETAILED DESCRIPTION OF THE PRESENTLY PREFERRED EMBODIMENTS** --

Please replace paragraph [0025] with the following amended paragraph:

[0025] According to the invention, under one embodiment, the shape of the buoyancy-free section 6 situated within the space 8 between the projector 2 and the projection surface 3 may be configured in the form of [~~an inverted~~] a pyramid[~~, in particular, may correspond to that of~~] or a cone. That option has not been shown in detail in the figure, but will have the same cross-section as the space 6 shown in Figure 3. It will be beneficial if the buoyant body 1 involved consists of a single component and preferably has an essentially cubical shape. The projector 2 is situated at the apex of the pyramid, where its heat-generating components are situated outside the associated outer surface 4 of the cubical buoyant body 1. The projection surface 3 lies in the plane of the pyramid's base, and corresponds to the outer surface 5 appearing in Fig. 3.

Please replace paragraph [0029] with the following amended paragraph:

[0029] Under beneficial elaborations on these embodiment examples of the invention, it may be provided that they are wholly incorporated into an aircraft, in particular, a blimp or a dirigible, as shown in Figs. 7 and 8. Fig. 7 depicts a schematic perspective view of this second, essential, embodiment example of the invention, as viewed off-axis from the front, i.e., facing the projection surface 3, installed on the side of a blimp/dirigible 71 employed as the aircraft involved, where that aircraft 71 may, preferably, have been designed for operation inside buildings and, preferably, is maneuverable under remote control. Fig. 8 schematically depicts another view, a partially sectioned [~~side~~] end view, of this second embodiment example of the invention that has been shown in Fig. 7, where the spatial arrangement of the projector 2 and projection surface 3 orthogonal to the longitudinal axis of the blimp/dirigible 71 may be readily recognized.

Please replace paragraph [0032] with the following amended paragraph:

[0032] A second embodiment of the second form of the invention will be described below, based on those views depicted in Figs. 12 - 14. Fig. 12 depicts a schematic side view of that second embodiment example of the second form of the invention, a buoyant body 1 in the form of a cylinder 16, together with a projector 2 and a projection surface 3. Fig. 13 depicts a schematic front view of the second embodiment example of the invention shown in Fig. 12, as viewed facing the projector 2, and Fig. 14 depicts a schematic perspective view of one-half of the second embodiment example of the invention shown in Figs. 12 and 13. The buoyant body 1 is configured in the form of a cylinder 16. Once again, the projector 2 is mounted essentially outside a substantially planar end surface 4' of the cylinder 16, and the projection surface 3 is mounted in the beam path 7, across from the projector 2, in the vicinity of the [~~second,~~] opposite substantially planar end surface 5' of the cylinder 16[~~, which is essentially parallel to the first, as a separate component of the cylinder 16~~].

Please replace paragraph [0033] with the following amended paragraph:

[0033] The projection surface 3 may be fastened to the wall of the cylinder 16, as a separate component thereof, [~~in that vicinity 5. The projection surface 3 may also be incorporated into the associated, essentially planar, outer surface 5' of the buoyant body 1. The buoyant body 1 is configured such that it~~] in which case the end surface 5' is transparent over that [~~section 5'~~] portion thereof that, when viewed from outside, is situated in front of the projection surface 3[~~, if the projection surface is a separate component that has been incorporated into the cylinder 16~~]. Alternatively, the projection surface 3 may [~~also~~] form the entire second[~~, planar~~] end surface 5' of the cylinder 16, or a portion thereof. The slight curvature of that surface will not[~~, however,~~] adversely affect the qualities of projected images, since the surface will still be essentially planar. Although the cylinder 16 depicted in Figs. 12 - 14 is a right circular cylinder, the cylindrical buoyant body 1 may also be configured in the form of an oblique circular cylinder.

Please insert after the heading the following new sub-heading:

-- What is claimed is --